

## CLAIMS

1. A method for generating images using an ultrasound apparatus comprising:

storing at least one frame;

generating at least one image output from said at least one frame; and

displaying at least said generated image output.

2. The method of Claim 1 comprising storing a plurality of frames.

3. The method of Claim 2 wherein at least two frames of said plurality of frames are acquired at different geometries.

4. The method of Claim 2 wherein a less compounded image output is generated from less than all of said plurality of frames.

5. The method of Claim 1, wherein generating said at least one image output comprises generating a compounded image.

6. The method of Claim 1, wherein generating said at least one image output comprises generating a non-compounded image.

7. The method of Claim 1, wherein generating said at least one image output comprises generating both compound and non-compound images.

8. The method of Claim 1, wherein displaying said at least one generated image output comprises displaying at least one compounded image.

9. The method of Claim 1, wherein displaying said at least one generated image output comprises displaying at least one non-compounded image.

10. The method of Claim 1, wherein displaying said at least one generated image output comprises displaying compounded and non-compounded images simultaneously.

11. The method of Claim 10, wherein at least said non-compounded images are generated in real time.

12. The method of Claim 1, wherein displaying said at least one generated image output comprises displaying compounded and non-compounded images sequentially.

13. The method of Claim 1, wherein generating said at least one image output comprises generating at least one non-compounded image from a plurality of image frames.

14. A method for generating images comprising:

storing a plurality of frames;

generating at least one of a compounded and non-compounded image output from said plurality of frames; and

displaying at least one of said generated compounded, non-compounded and both compound and non-compounded images.

15. A system for generating an image using an ultrasound device comprising;

a memory for storing at least one frame;

at least one processing device adapted to process at least one of a compounded and non-compounded image; and

a display device adapted to display said at least one of said processed compounded and non-compounded image.

16. The system of Claim 15, where said at least one processing device comprises at least a compound processing device.

17. The system of Claim 15, where said at least one processing device comprises at least a non-compound processing device.

18. The system of Claim 15 comprising a switch coupled to said memory and said at least one processing device.

19. The system of Claim 15 comprising a storage device coupled to said memory and receiving at least one recall and store command.

20. The system of Claim 15, wherein said memory may accept user input.